

Fig.1

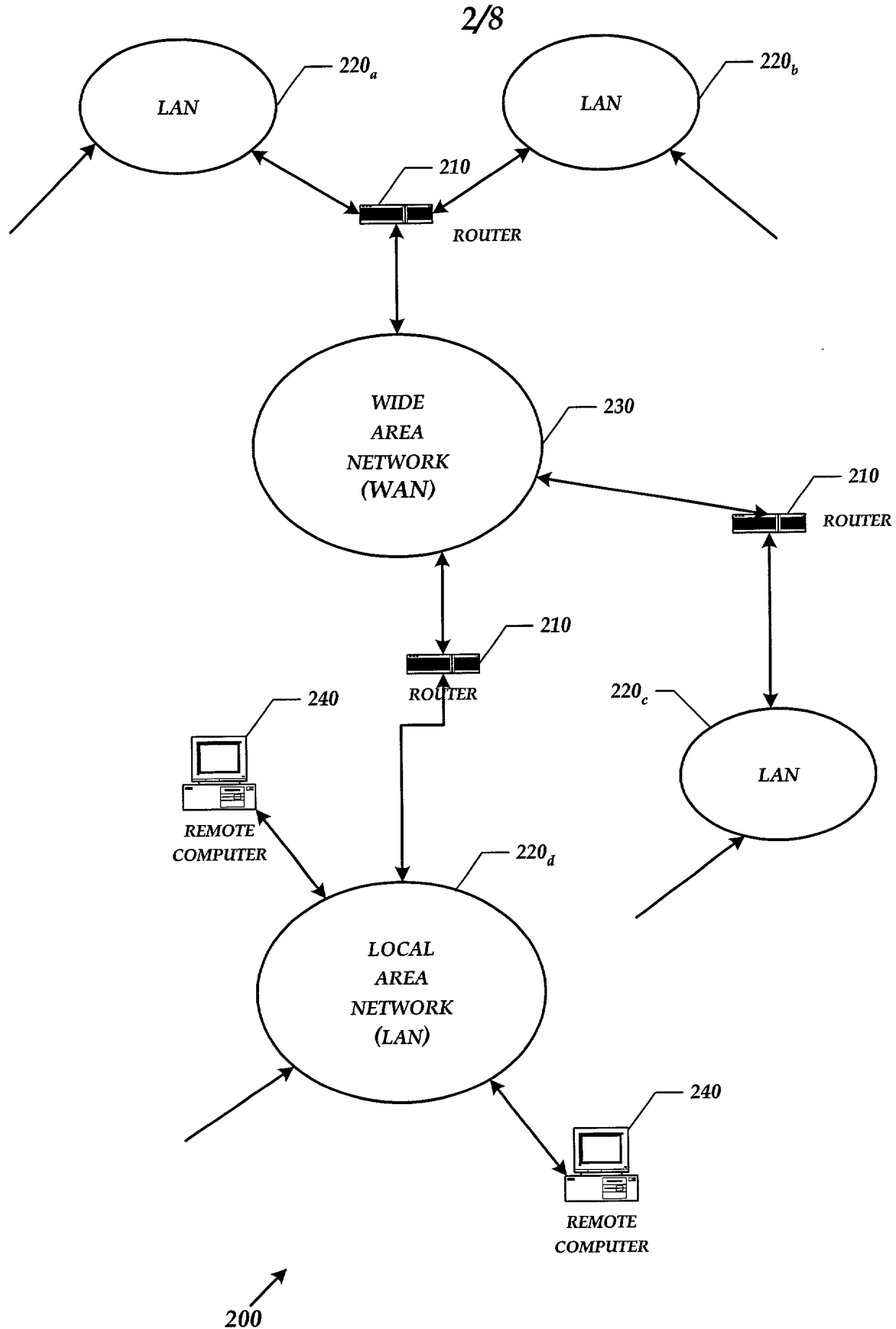


Fig.2

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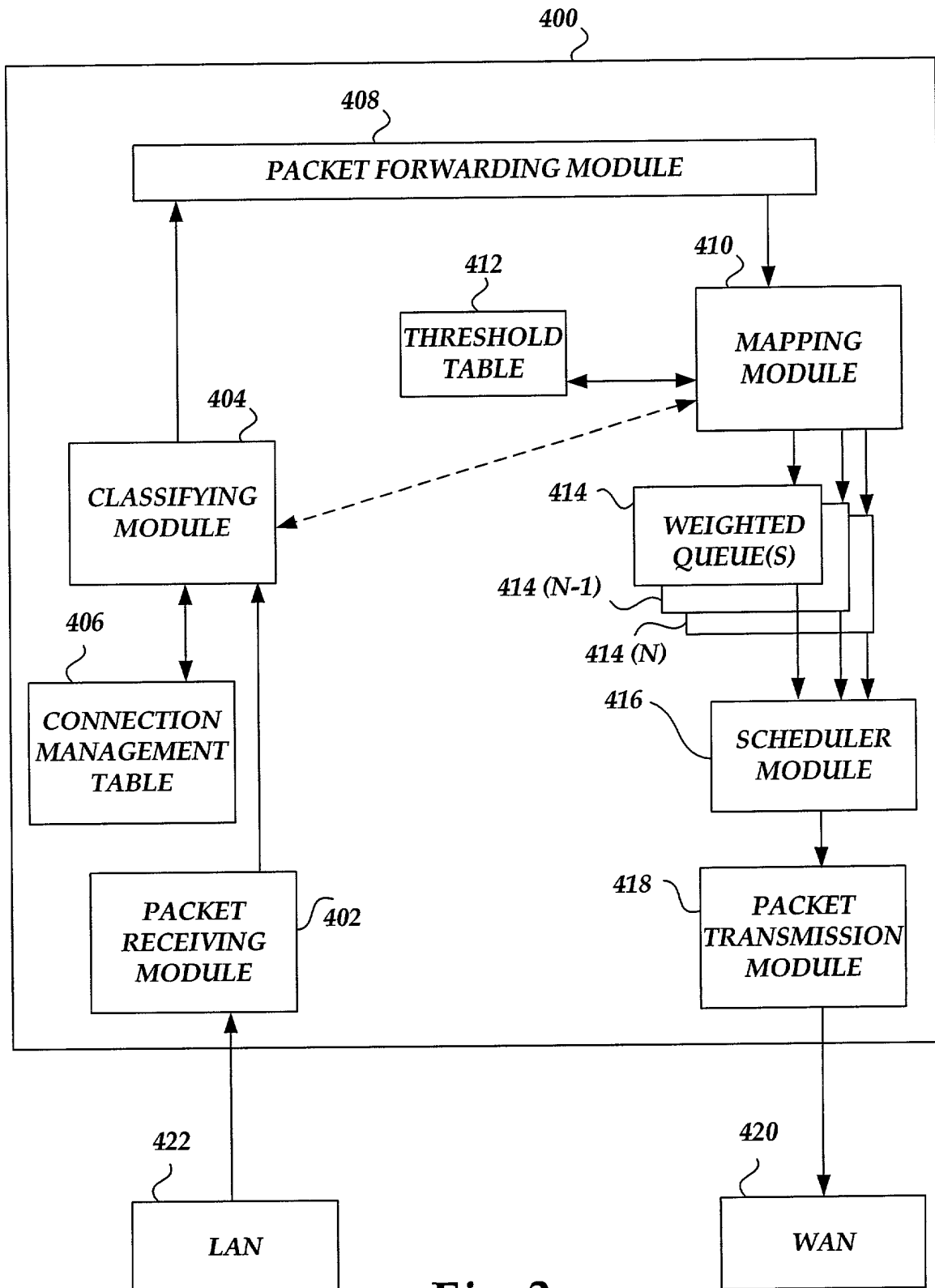


Fig. 3

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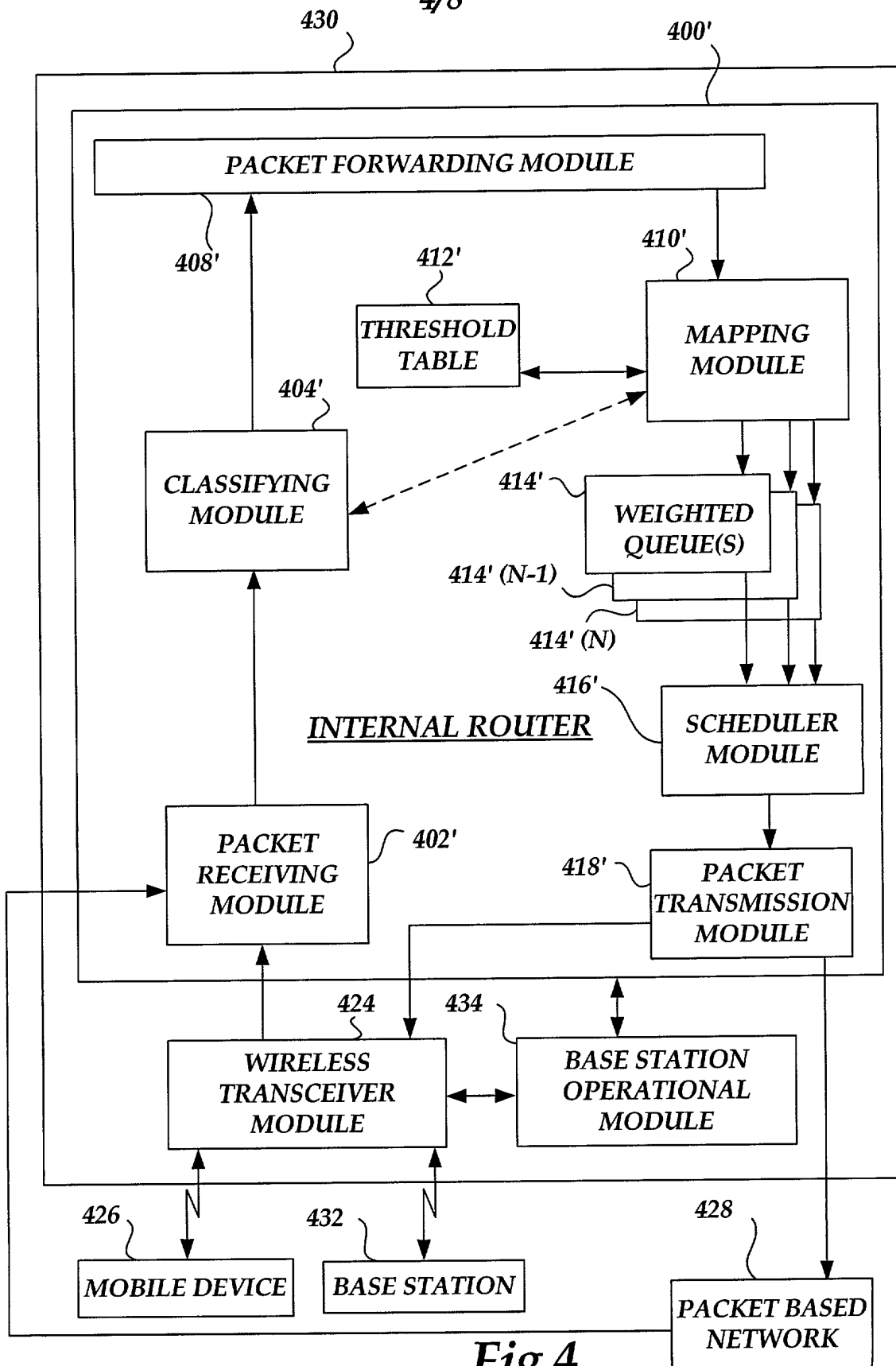


Fig.4

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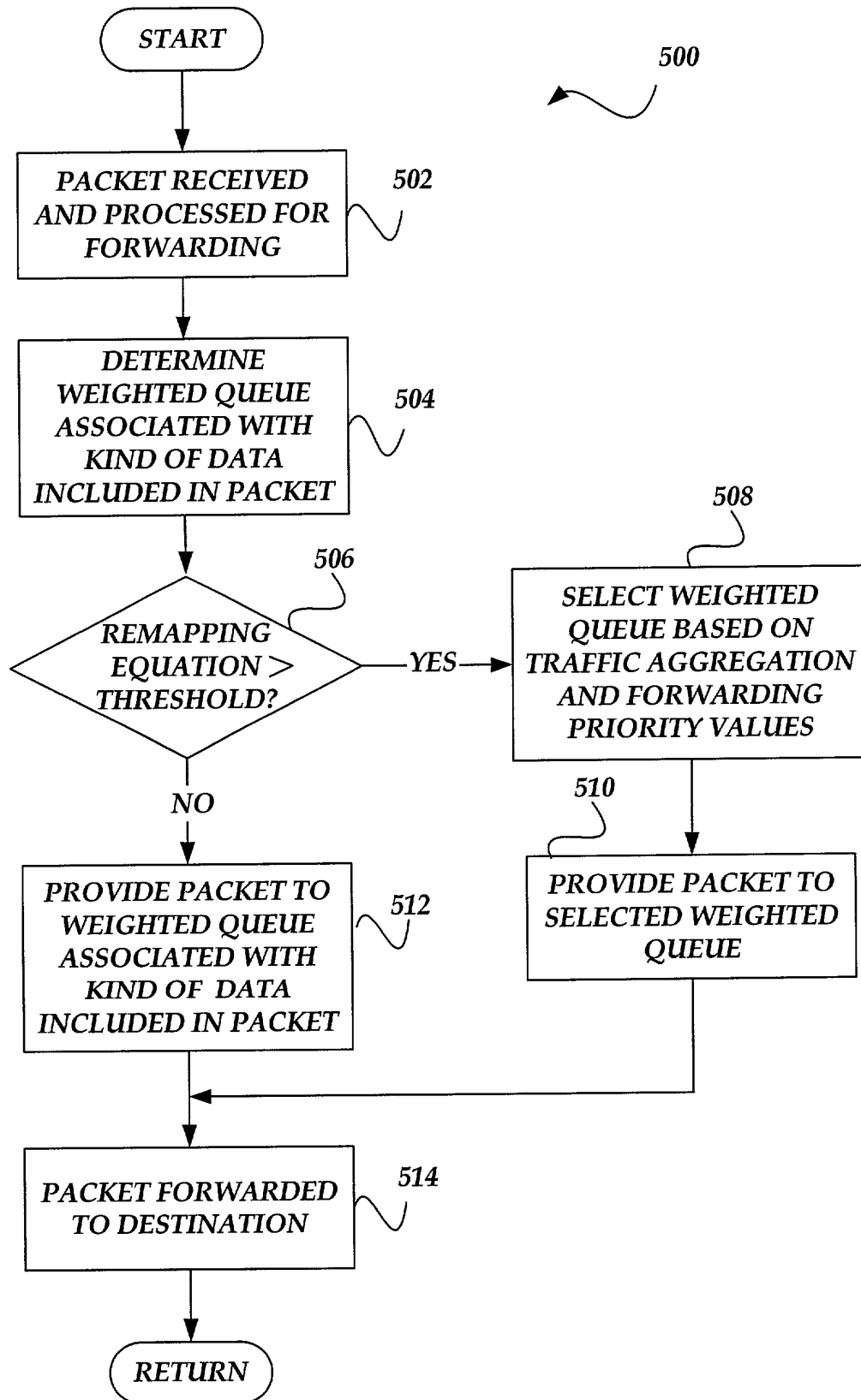


Fig.5

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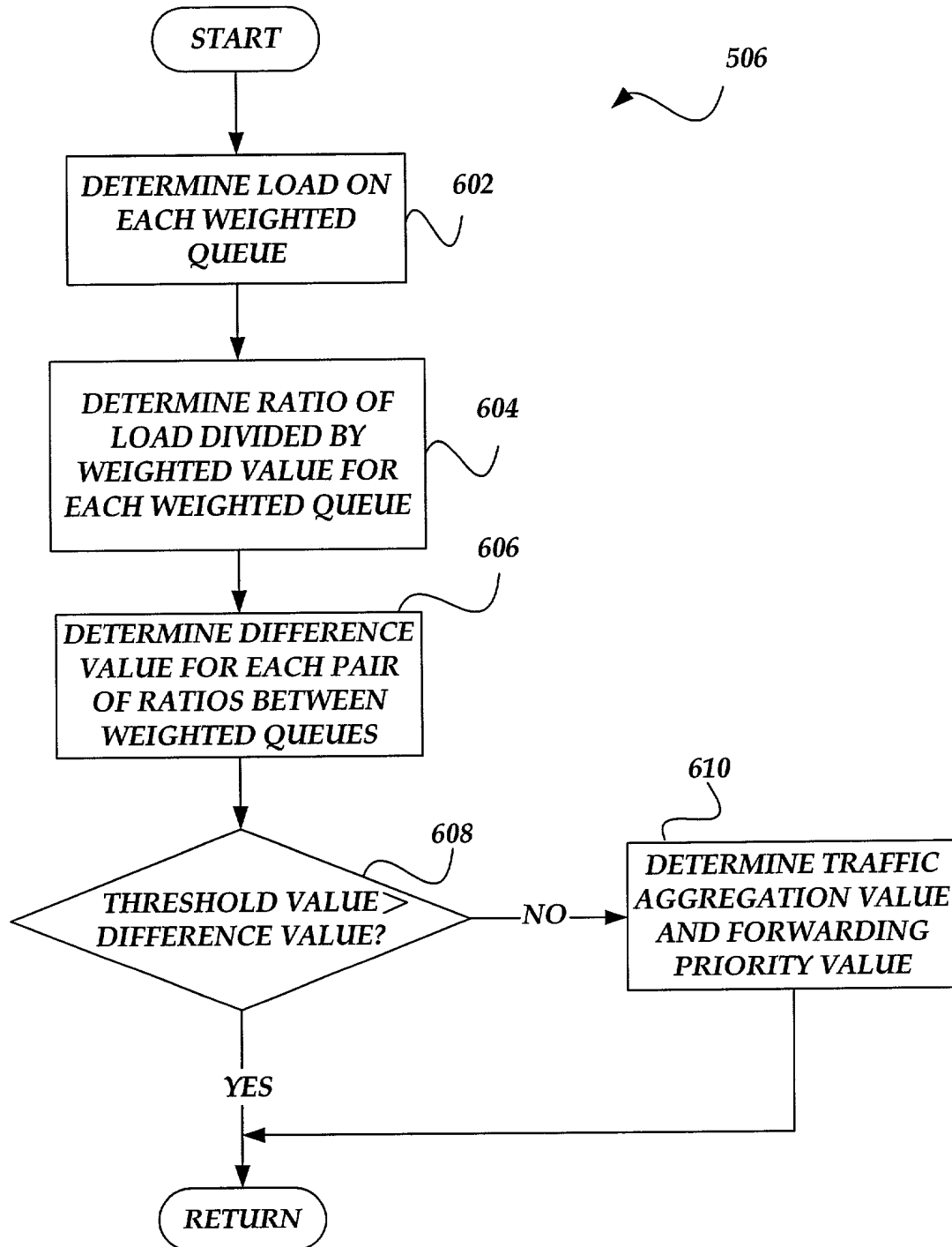



Fig.6

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*IF*  $\frac{L_1}{w_1} - \frac{L_2}{w_2} > R_{\text{threshold}}$  *THEN* 

*IF ( T(X) = 1 AND F(X) = 2 ) THEN*

*MAP THE PACKET TO QUEUE 1*

*ELSE*

*MAP THE PACKET TO QUEUE 2*

*REMAPPING EQUATION 1*

*Fig. 7*

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<u>SYMBOL</u>	<u>NAME</u>	<u>COMMENT</u>
L <sub>1</sub>	LOAD IN QUEUE 1	
L <sub>2</sub>	LOAD IN QUEUE 2	
w <sub>1</sub>	WEIGHT FOR QUEUE 1	
w <sub>2</sub>	WEIGHT FOR QUEUE 2	
R <sub>threshold</sub>	REMAPPING THRESHOLD	CONFIGURATION VALUE, GREATER THAN ZERO
T(X)	TRAFFIC AGGREGATE TYPE OF PACKET X	WHEN T(X) = 1, PACKET X IS MAPPED TO QUEUE 1; WHEN T(X) = 2, PACKET X IS MAPPED TO QUEUE 2
F(X)	FORWARDING PRIORITY OF PACKET X	WHEN F(X) = 1, PACKET X HAS HIGH FORWARDING PRIORITY; WHEN F(X) = 2, PACKET X HAS LOW FORWARDING PRIORITY

Fig. 8